

2011年职称英语理工类完形填空一级重点文章(1) PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/646/2021_2022_2011_E5_B9_B4_E8_81_8C_c91_646680.htm 考查应试者正确把握文章内容

，以及在一定语境中准确使用词语的能力。本部分为1篇300-450词的短文，文中有15处空白，每处空白给出4个选项，要求应试者根据短文的内容从4个选项中选择1个最佳答案

。理工类 一级重点 Seeing red Means Danger Ahead (C级) The color red often means danger and by paying attention, 1 can be prevented. At railroad crossings, flashing red lights warn cars to stay back. A red light at a traffic intersection tells cars to stop, so 2 dont run into other cars. In the future, the color red also may help prevent danger 3 construction sites. Thanks to new work by engineers, bridge supports or other kinds of materials could one day contain a color-changing material. It will turn red 4 a structure collapses or falls 5 . A tiny molecule may make a big difference in future warning systems. A polymer 6 a color-changing molecule called a mechanophore turns red seconds before it snaps. The technology may one day allow damage to materials or structures4 to be easily 7 . The secret behind the color-changing material is a particular type of molecule. A molecule is a group of atoms held together by 8 bonds. Molecules come in all shapes and sizes, and make up 9 you can see, touch or feel. How a molecule behaves depends on what kinds of atoms it contains, and how theyre held together. When a polymer containing a color-changing molecule called a mechanophore is about to breaks, it produces a color. When a polymer with

mechanophore molecules becomes "injured" or 10 , one of the mechanophore bonds breaks and the material turns red. "Its a really simple detection method," says Nancy Sottos, one of the scientists who worked on the project. "Were 11 up this one bond, and it changes color. " Sottos and her team tested the color-changing polymers in their lab. The test 12 proved encouraging. There is a way to get rid of6 the red color: 13 . When a bright light is shone on the mechanophore, the broken bond is fixed7- and the red color disappears. This "self-healing" may be a problem for engineers. They need to use the color-changer in big construction projects that will be 14 , in sunlight. And sunlight will make the mechanophores warning system useless. Sottos and her fellow scientists still have 15 work to do before the color-changing molecules can be used outside the lab.

练习 : 1. A measures B accidents C actions D collap-ses 2. A they B it C some D most 3. A with B over C at D in 4. A before B after C once D while 5. A together B behind C down D apart 6. A contacting B conducting C containing D considering 7. A controlled B spotted C repaired D changed 8. A technical B electronic C physical D chemical 9. A everything B something C nothing D anything 10. A weak B strong C tough D soft 11. A using B opening C turning D finishing 12. A laws B theories C tools D results 13. A air B electricity C light D sound 14. A aside B beside C inside D outside 15. A a part of B a pair of C a piece of D a lot of 答案 : BACAD
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